

Polytetrafluoroethylene

PTFE DATA SHEET



DELTA RUBBER LIMITED

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Description

This material provides the ultimate in chemical resistance, extremes of operating temperature, very low friction and superb electrical properties.

Technical Information

Colour:	White
Specific Gravity:	2.2-2.3
Water Absorption:	0.02%
Tensile Strength:	12-24 N/mm ²
Tensile Modulus:	340-638 N/mm ²
Elongation:	100-500%
Flexural Strength:	97-99 N/mm ²
Hardness Shore D:	60-65
Melt Point:	327°C
Max allowable service temp in air	
- For short periods	300°C
- Continuously for 20000hrs	250°C
Minimum service temperature:	-260°C
Thermal conductivity:	0.26 W/K.M
Flammability:	Non-Flammable
Volume Resistivity:	>1018 Ohm.cm
Dielectric Strength:	>24 kv/mm

Thickness
1.5mm-25mm
(Other thickness on request)

Sheet Size
1.4m wide x 5,10m rolls

Finish
Cloth Marked

Cutting
Standard Press Tools

